

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

|           |   |                   |                |
|-----------|---|-------------------|----------------|
| In re:    | Scott T. Holmes, et al.   | Confirmation No.: | 8733           |
| Appl No.: | To be assigned  | Group Art Unit:   | 1734           |
| Filed:    | Concurrently herewith   | Examiner:         | George R. Koch |
| For:      | Composite Material Collation Machine<br>And Associated Method For High Rate<br>Collation Of Composite Materials |                   |                |

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**INFORMATION DISCLOSURE STATEMENT  
CITATION UNDER 37 C.F.R. § 1.97**

Attached is a list of documents on form PTO-1449.

It is requested that the Examiner consider these documents and officially make them of record in accordance with the provisions of 37 C.F.R. § 1.97 and Section 609 of the MPEP. By submitting the listed documents, Applicant in no way makes any admission as to the prior art status of the listed documents, but is instead submitting the listed documents for the sake of full disclosure.

All items attached were supplied in parent Application No. 10/068,735 filed February 6, 2002. Since the benefit of this application was claimed under 35 U.S.C. 120, no copies need to be furnished in accordance with 37 C.F.R. 1.98(d); however, copies will be furnished on request.

Respectfully submitted,

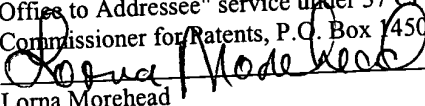


Nicholas F. Gallo  
Registration No. 50,135

**Customer No. 00826**  
**ALSTON & BIRD LLP**  
Bank of America Plaza  
101 South Tryon Street, Suite 4000  
Charlotte, NC 28280-4000  
Tel Charlotte Office (704) 444-1000  
Fax Charlotte Office (704) 444-1111

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| Substitute for form 1449/PTO<br>(Revised 04/2003)<br><br><b>INFORMATION DISCLOSURE<br/>STATEMENT BY APPLICANT</b><br><i>(Use as many sheets as necessary)</i> |             |  |                                | <b>Complete if Known</b>                              |  |  |
|---|-------------|--|--------------------------------|---|--|--|
|   |             |  |                                | Application Number                                    | To be assigned   |  |
|   |             |  |                                | Filing Date   | Concurrently herewith  |  |
|   |             |  |                                | First Named Inventor                                  | Scott T. Holmes  |  |
|   |             |  |                                | Group Art Unit  | 1734   |  |
|   |             |  |                                | Examiner Name   | George R. Koch   |  |
| Sheet   | 1           | of   | 2                              | Attorney Docket Number                                | 38190/269409   |  |
| <b>U. S. PATENT DOCUMENTS</b>   |             |  |                                |   |  |  |
| Examiner<br>Initials*   | Cite<br>No. | Document Number<br>Number - Kind Code (if known)                         | Publication Date<br>MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited Document    | Pages, Columns, Lines, Where<br>Relevant Passages of Relevant Figures<br>Appear    |  |
|   | 1           | US-5,177,340   | 01-05-1993                     | Zaffiro   |  |  |
|   | 2           | US-5,562,788   | 10-08-1996                     | Kitson, et al.  |  |  |
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|   |             |  |                                |   |  |  |
|   |             |  |                                |   |  |  |
| <b>FOREIGN PATENT DOCUMENTS</b>   |             |  |                                |   |  |  |
| Examiner<br>Initials  | Cite<br>No. | Foreign Patent Document<br>Country Code - Number Kind Code<br>(if known) | Publication Date<br>MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited<br>Document | Pages, Columns, Lines,<br>Where Relevant<br>Passages or Relevant<br>Figures Appear | English<br>Language<br>Translation<br>Attached |
|   | 6           | DE 42 34 342 A1  | 04-14-1994                     | Fraunhofer Ges  |  |  |
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|   |             |  |                                |   |  |  |
|   |             |  |                                |   |  |  |
| Examiner<br>Signature   |             |  |                                | Date<br>Considered                                    |  |  |

\*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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|---|-------------|---|---|--------------------------|--|
| Substitute for form 1449/PTO<br>(Revised 04/2003)<br><br><b>INFORMATION DISCLOSURE<br/>STATEMENT BY APPLICANT</b><br><br><i>(Use as many sheets as necessary)</i> |             |   |   | <b>Complete if Known</b> |  |
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|   |             |   |   | Examiner Name            | George R. Koch                                 |
| Sheet   | 2           | of  | 2 | Attorney Docket Number   | 38190/269409                                   |
| <b>OTHER DOCUMENTS</b>  |             |   |   |                          |  |
| Examiner<br>Initials  | Cite<br>No. | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. |   |                          | English<br>Language<br>Translation<br>Attached |
|   | 7           | ENGELBART, ROGER W., ET AL., In-Process Monitoring of Pre-Staged Fiber Placement Tows Using Nuclear Magnetic Resonance (NMR), Proceedings of the 43 <sup>rd</sup> International SAMPE Symposium, Anaheim, California, May 31 – June 4, 1998                     |   |                          |  |
|   | 8           | LICHENWALNER, P.F., Neural Network-Based Control for the Fiber Placement Composite Manufacturing Process, Journal of Materials Engineering and Performance, Vol. 2(5), October 1993, page 687   |   |                          |  |
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|-----------------------|--|--------------------|--|
| Examiner<br>Signature |  | Date<br>Considered |  |
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